

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Wolfgang Hirschburger

Serial No.: 10/685,280

Conf. No.: 4919

Filed: 10/14/2003

For: PORTABLE BATTERY
CHARGING AND AUDIO
UNIT

Art Unit: 2644

Examiner:



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4/17/06
Date

Roger D. Greer
Attorney for Applicant(s)
Registration No. 26174

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

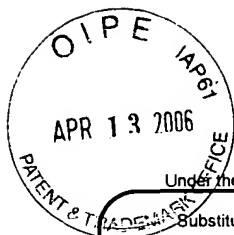
The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

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By: *Roger D. Greer*
Roger D. Greer
Registration No. 26,174



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 10

Complete if Known

Application Number	10/685,280
Filing Date	10-14-2003
First Named Inventor	Wolfgang Hirschburger
Art Unit	
Examiner Name	
Attorney Docket Number	0212.66894

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,835,409	05-30-1989	Bhagwat et al.	
		US- 4,188,585	02-12-1980	Wissel et al.	
		US- 5,136,229	08-04-1992	Galvin	
		US- 6,223,025 B1	04-24-2001	Tsukuda	
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		US- 5,055,986	10-08-1991	Johnson	
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		US- 5,590,401	12-31-1996	Ide et al.	

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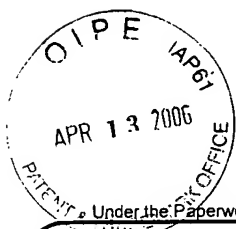
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP 09-051281	02-18-1997			
		JP 52-112705	08-26-1977			
		JP 09-200974	07-31-1997			
		JP 08-308113	11-22-1996			
		JP 08-185893	07-16-1996			
		JP 52-150005	12-13-1977			

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Sheet 2 of 10

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		US- 6,374,127 B1	04-16-2002	Park	
		US- 6,326,764 B1	12-04-2001	Virtudes	
		US- 6,336,039 B1	01-01-2002	Usui et al.	
		US- 6,496,688 B2	12-17-2002	Smith	
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		US- 4,095,184	06-13-1978	Hochstein et al.	
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		JP 50-133804	11-04-1975			
		JP 40-007852	04-18-1962			
		WO 87/02848	05-07-1987	General Electr.		
		JP 52-112705	02-20-1951			
		EP 0511740 A1	11-04-1992	Gates Energy		
		EP 0340794 A2	11-08-1989	NEC Corporation		

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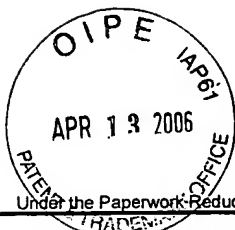
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Filing Date	10-14-2003
First Named Inventor	Wolfgang Hirschburger
Art Unit	
Examiner Name	
Attorney Docket Number	0212.66894

Sheet **3** of **10****U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,533,119	10-13-1970	Dokos	
		US- 3,525,912	08-25-1970	Wallin	
		US- 5,628,054	05-06-1997	Osaka	
		US- 3,267,510	08-23-1966	Cote	
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		US- 2,565,273	08-21-1951	Shuler et al.	
		US- D388,785	01-06-1998	Yuen	
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		US- D327,468	06-30-1992	Dea et al.	
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		US- D310,529	09-11-1990	Yuen	
		US- D307,829	05-15-1990	Hasuike	

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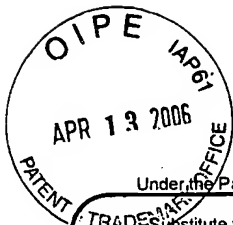
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		GB 2242083 A	09-18-1991	Technophone Ltd.		
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		JP 02-084490	06-29-1990			
		JP 05-031378	04-23-1993			

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Sheet 4 of 10

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		Number-Kind Code ² (if known)			
		US- D134,136	10-20-1942	Sherman et al.	
		US- D296,243	06-14-1988	Ohashi	
		US- D240,836	08-03-1976	Corvette	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP 06-005232	01-21-1994			
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		JP 09-004715	01-07-1997			
		JP 07-193444	07-28-1995			
		JP 08-195191	07-30-1996			
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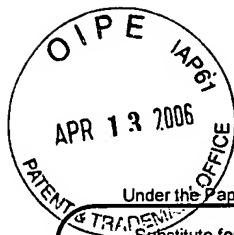
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		US- 5,771,471	06-23-1998	Alberth, Jr. et al.	
		US- 6,233,343 B1	05-15-2001	Muranami et al.	
		US- 6,057,608	05-02-2000	Bailey, Jr. et al.	
		US- 5,889,383	03-30-1999	Teich	
		US- 5,847,541	12-08-1998	Hahn	
		US- 5,834,921	11-10-1998	Mercke et al.	
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		US- 5,584,055	12-10-1996	Murui et al.	
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		US- 6,124,699	09-26-2000	Suzuki et al.	

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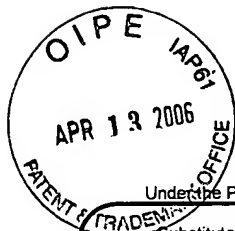
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		JP 04-150728	05-25-1992			<input type="checkbox"/>
		JP 61-197646	09-01-1986			<input type="checkbox"/>
		DE 69803432 T2	06-09-1999	Palazzoli		<input type="checkbox"/>
		EP 0310717 A1	04-12-1989	Black & Decker		<input type="checkbox"/>
		GB 2195841 A	04-13-1988	Mitsubishi		<input type="checkbox"/>
		EP 0090480 A2	10-05-1983	Automation Ind.		<input type="checkbox"/>

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Filing Date	10-14-2003
First Named Inventor	Wolfgang Hirschburger
Art Unit	
Examiner Name	
Attorney Docket Number	0212.66894

Sheet **6** of **10****U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,112,414	09-05-2000	Andis et al.	
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		US- 6,002,237	12-14-1999	Gaza	
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		US- 5,568,198	10-22-1996	Sakurai et al.	
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		US- 5,325,040	06-28-1994	Bogut et al.	
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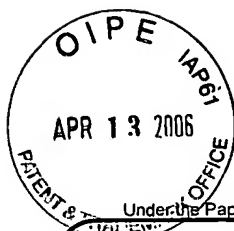
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		DE G7342534	03-14-1974	Black & Decker		
		EP 0511740 A1	11-04-1992	Toops		
		WO 81/00654	03-05-1981	Motorola		
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		EP 0509284 A2	10-21-1992	Grundig EMV		
		DE 1463443	01-23-1969	Norddt. Mende		

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Sheet 7 of 10**Complete if Known**

Application Number	10/685,280
Filing Date	10-14-2003
First Named Inventor	Wolfgang Hirschburger
Art Unit	
Examiner Name	
Attorney Docket Number	0212.66894

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
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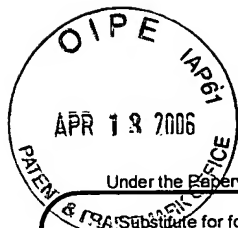
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		DE 1136764	09-20-1962	Standard Elektrik		
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Sheet **8**of **10****Complete if Known**

Application Number	10/685,280
Filing Date	10-14-2003
First Named Inventor	Wolfgang Hirschburger
Art Unit	
Examiner Name	
Attorney Docket Number	0212.66894

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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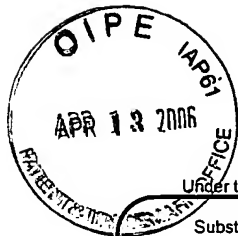
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		GB 632185	03-13-1950	Kolster Brandes Ltd.		

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/685,280
Filing Date	10-14-2003
First Named Inventor	Wolfgang Hirschburger
Art Unit	
Examiner Name	
Attorney Docket Number	0212.66894

Sheet 9 of 10

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
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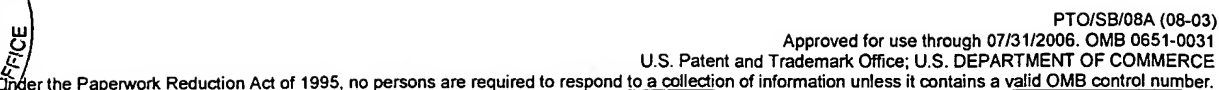
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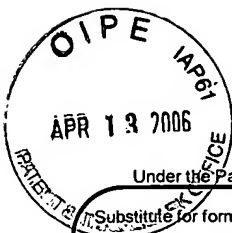
Sheet	10	of	10
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Application Number	10/685,280
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First Named Inventor	Wolfgang Hirschburger
Art Unit	
Examiner Name	
Attorney Docket Number	0212.66894

[illegible][illegible]Date
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		Filing Date	10-14-2003		
		First Named Inventor	W. Hirschburger		
		Art Unit			
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	0212.66894

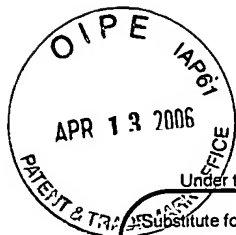
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	CARL J. CAMPAGNUOLO et al., Development of the G-76/G direct current generator for charging batteries and powering radios, p.238-243	
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		First Named Inventor	W. Hirschburger		
		Art Unit			
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	0212.66894

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	12	"Sony Do it Again" in: Radio & Electronics World, January 1984, p.23-24	
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	17	STEVE FORD, "A portable shortwave receiver roundup", in: QST, August 1997	
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